APPENDIX E

FIELD AND LABORATORY EDD FORMATS

Table E-1. Required Fields for RI/FS Field EDD

Field Name	Definition
NSAMPLE	Sample ID from sample custody records
FIELD_QC_TYPE	Normal = not a QC sample; DU = field duplicate, RB = rinsate blank, PE = performance evaluation sample; TB = trip blank.
SACODE	"NORMAL" = not duplicated, "DUP1" = duplicated, "DUP2" = duplicate
SAMP_DATE	Collection date from custody records; Format DD-MON-YY.
MATRIX	Soil or groundwater
SPECIES	Not applicable for RI/FS; leave as NULL in EDD
TISSUETYPE	Not applicable for RI/FS; leave as NULL in EDD
BORING	Sample location (several nsamples will have the same boring ID; e.g. soil samples collected from the same location at different depths).
NORTHING	State plane coordinate (NAD 1983) of boring.
EASTING	State plane coordinate (NAD 1983) of boring.
ELEVATION	In feet (NGVD 1929).
TOP	Top of sample interval in feet. Applicable to soil samples.
BOTTOM	Bottom of sample interval in feet. Applicable to soil samples.
DEPCODE	"A" = surface (0 to 1 ft), "B" = subsurface (1 to 3 ft composites and deeper).
AOC	Not applicable for RI/FS; leave as NULL in EDD
DATEAPPENDED	Leave as NULL in EDD.
DATASOURCE	Battelle
SUBMATRIX	Leave as NULL in EDD.
FILTERED	"Unfiltered" for RI/FS groundwater samples.
MATRIX_GENERAL	Leave as NULL in EDD
WRECEPTOR	Leave as NULL in EDD

Table E-2. Required Fields for RI/FS Laboratory EDD

EDD FIELD #	FIELD NAME	REQUIRED	DATA TYPE	FIELD WIDTH	DATA FIELD DESCRIPTION
1	NSAMPLE	Y	C	30	Field sample ID as listed on the Chain-of-Custody. The sample number indicated in this field should never be truncated. The only exception for this field not matching the chain-of-custody is for reanalyses and matrix spike results in which a RE or MS suffix will be added to the sample number respectively. For Lab QC use a unique Lab ID
2	CLASS	Y	C	15	Dioxins = 'DIOX', Metals = 'M', Volatiles = 'OV', Semivolatiles/BNAs = 'OS', Pesticides/PCBs = 'PESTP', Herbicides = 'HERB', Explosives = 'EXP', Any petroleum hydrocarbon or fuel = 'TPH', Wet Chemistry = 'WET', Radionuclide = 'RAD', Miscellaneous = 'MISC', Total Organic Carbon = 'TOC', Grain Size = 'GS'. For TCLP analyses, add "T" suffix, e.g. TCLP Metals = 'MT'.
3	PARAMETER	Y	C	45	Chemical or analyte name exactly as reported on laboratory hardcopy data package.
4	EPASAMNO	Y	C	30	If EPA Sample Number is not applicable use sample ID from NSAMPLE field.
5	CASNO		C	50	Chemical Abstract Service number for the parameter listed. The CAS number should be reported exactly as it is listed in publications such as the Merck Index. This field should be left blank for those parameters not having CAS numbers (e.g. Total PAH).
6	LAB_RESULT	Y	N	20(6)	Reported value in units specified in the UNITS field containing the proper number of significant digits. The % Recovery shall be placed in this field for matrix spike and laboratory control sample results.
7	QUAL		C	5	The laboratory qualifier as reported on the laboratory hardcopy data package. For example, a 'U' qualifier should be used for all nondetected results.
8	UNITS	Y	C	10	The units of measure as reported on the laboratory hardcopy data package.
9	CASE		C	5	In CLP Program, identifies samples sent to a laboratory over a specific period of time.
10	SDG	Y	C	15	Sample delivery group or Batch number identifier assigned by the laboratory. This number should exactly match the SDG designated on the hardcopy data package.
11	LABORATORY	Y	C	25	Laboratory name.
12	LAB_ID	Y	C	15	Laboratory ID for the given sample.
13	REC_DATE		D	8	Date sample was received by the Laboratory.
14	EXTR_DATE		D	8	Date sample was extracted or prepared by the laboratory.
15	ANAL_DATE	Y	D	8	Date sample was analyzed by the laboratory.
16	METHOD	Y	C	50	Analytical method used to quantitate parameter concentrations as listed in the laboratory technical specification (e.g. '8270A' for SW-846 Method 8270A.
17	MDL	[1]	N	15(6)	Method Detection Limit (MDL) in units specified in the UNITS field and method specified in the METHOD field.

Table E-2. Required Fields for RI/FS Laboratory EDD (continued)

EDD FIELD #	FIELD NAME	REQUIRED	DATA TYPE	FIELD WIDTH	DATA FIELD DESCRIPTION
18	IDL	[1]	N	15(6)	Instrument Detection Limit (IDL) in units specified in the UNITS field.
19	CRDL_CRQL	[1]	N	15(6)	Contract Required Detection/Quantitation Limit (CRDL/CRQL) in the units specified in the UNITS field. RDL for non-CLP parameters.
20	DIL_FACTOR		N	6(1)	Dilution factor
21	PCT_MOIST		N	5(1)	Percent moisture for soil samples; 100 for water samples.
22	COMMENTS		C	30	Analytical result qualifier or comment other than that listed in the LAB_QUAL field. Example: 'Reanalysis'.
23	DVTIER	Y	N	2	Level of data Validation. Valid values are 0 (not validated), 1 (cursory), 2 (moderately rigorous, 3 (rigorous).
24	LAB_QC_CODE	Y	C	6	Normal Environmental Sample = "N", Laboratory Duplicate for SOIL = "DUP", Laboratory Duplicate for Water = 'N', Matrix Spike = "MS", Matrix Spike Duplicate = "MSD", Laboratory Control Sample = "LCS", Laboratory Control Sample Duplicate = "LCSD", Method Blank = "MB", Preparation Blank = "PB", Standard Reference Material = "SRM", Blank Spike = "BS".

[1] Either an IDL, MDL or CRDL_CRQL (fields 17 through 19) needs to be provided for each sample - if applicable

Y - Yes

C - Character

N - Numeric ( ) - number of decimal places

D - Date